

REMARKS/ARGUMENTS

Claims 4,5,7,10 and 12-35 remain in the application. Claims 4,5, 7, 10, 20-24, 26 and 29-35 were allowed in the Office Action dated October 22, 2002. Claim 12 was not addressed by the Office Action. Claims 13, 18 and 28 are amended. Reconsideration of the remaining claims is respectfully requested in light of these amendments and the arguments presented below.

Claim 12 remains in the application. However, no indication of the status of claim 12 was given in the Office Action. Claim 12 is believed to be allowable and an indication of its allowance is requested.

Claim 13 was rejected under 35 U.S.C. 102(b) as being anticipated by Kobayashi (U.S. Patent No. 4,766,495). Claim 13 as amended includes the following limitations:

“adding the adjustment signal to the input signal to provide an output signal; and adding the delayed output signal to the adjustment signal and the input signal.”

This amendment expands the “adding” step as urged by the Examiner. Kobayashi does not show a delayed output being added to the adjustment signal and input signals in Figure 5. Kobayashi does not appear to disclose this feature elsewhere either. Therefore, it is submitted that claim 13 as amended is allowable.

Claims 14-17 depend from claim 13 and are therefore submitted to be allowable at least for depending from an allowable independent claim.

Claim 18 was rejected under 35 U.S.C. 102(b) as being anticipated by Kobayashi. Claim 18 as amended includes the following limitations:

“adding a correction signal to the phase signal to produce an output;
adding a delay to the output;
feeding back the delayed output so that it is added to the correction signal and the phase signal”

This limitation is similar to that of claim 13-discussed above. Because Kobayashi does not appear to disclose such a feedback signal it is submitted that claim 18 is allowable.

Claims 19, 25 and 27 depend from claim 18 and are therefore submitted to be allowable at least for the reasons given with respect to claim 18.

Claim 28 was rejected under 35 U.S.C. 102(b) as being anticipated by Kobayashi. Claim 28 as amended includes the following limitation:

“wherein the correction signal is an integer multiple of 2π ”

Kobayashi does not appear to disclose such a correction signal. Claim 28 as amended is an apparatus claim having similar limitations to method claim 20. It is therefore submitted to be allowable for at least the reasons that claim 20 is allowable as indicated by the Office Action.

Accordingly, it is believed that the present application is now in condition for allowance, and an early indication of its allowance is solicited. However, if the Examiner is aware of any further matters that require attention, a telephone call to the undersigned attorney at 415-318-1160 would be appreciated.

Respectfully submitted,



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